

1 8. (Amended) A hydrogen storage material as claimed in claim 1,
2 characterized in that it comprises an amount of a catalytically
3 active material.

A2
C4X

1 9. (Amended) A hydrogen storage material as claimed in claim 1,
2 characterized in that the catalytically active material comprises
3 at least one metal selected from the group consisting of palladium,
4 platinum, cobalt, nickel, rhodium or iridium, and/or a composition
5 of the formula DE_3 , wherein D is at least one element selected from
6 the group consisting of Cr, Mo and W, and E is at least one element
7 selected from the group consisting of Ni and Co.

10. (Amended) A hydrogen storage material as claimed in claim 1,
characterized in that the catalytically active material comprises
palladium, platinum or rhodium.

11. (Amended) An electrochemically active material, characterized
in that the material comprises a hydrogen storage material as
claimed in claim 1.

12. (Amended) An electrochemical cell at least comprising a
positive electrode and a negative electrode, characterized in that
the negative electrode comprises a hydrogen storage material as
claimed in claim 1.